14）手術支援システム
① 血液ガス分析、電解質、代謝、ヘモグロビンが実測で測定できること。
② 白血球分類は５項目について、パーセントと実数を測定できること。
③ 簡単操作で緊急時にもすぐにrSO２測定ができること。
④ 体外循環時のヘパリンによる抗凝固を最適かつ安全に実施できること。
⑤ 血行動態を包括的に測定表示できること。
⑥ 外科的手術で効率が良く侵襲の少ないモノポーラ及びバイポーラ高周波電流を用いた切開、蒸散、止血、焼灼により出血を軽減した手術を迅速かつ安全に行えること。
15）手術手洗システム
① 手指に付着する通過菌の除去及び皮膚常在菌の減少を目的とした手指消毒が行えるシステムであること。
② 原水水質の悪化にも影響を受けないように各手洗装置にはフィルター又は膜を内蔵すること。
③ 蛇口部の逆汚染防止対策が可能なこと。
16）眼科用手術顕微鏡システム
① 顕微鏡観察ポジションの決定がスムーズで安全に行えること。
② 顕微鏡観察画像を外部モニターへ表示し、録画システムへ接続可能なこと。
③ 網膜・硝子体手術及び白内障手術等に対応できること。

2　資料及びコメントの提供方法　上記１⑵の物品に関する一般的な参考資料及び同⑸の要求要件等に関するコメント並びに提供可能なライブラリーに関する資料等の提供を招請する。
⑴ 資料等の提供期限　令和４年９月30日17時00分（郵送の場合は必着のこと。）
⑵ 提供先　〒920―8641 金沢市宝町13―１ 金沢大学病院部経営管理課調達管理係長　中村　安彦　電話076―265―2067

3　説明書の交付　本公表に基づき応募する供給者に対して導入説明書を交付する。
⑴ 交付期間　令和４年８月８日から令和４年９月30日まで
⑵ 交付場所　上記２⑵に同じ。

4　説明会の開催　本公表に基づく導入説明会は開催しない。

5　その他　この導入計画の詳細は導入説明書による。なお、本公表内容は予定であり、変更することがあり得る。

6　Summary
⑴ Classification of the products to be procured : 22, 31
⑵ Nature and quantity of the products to be purchased : Enhanced Operation System 1 Set
⑶ Type of the procurement : Purchase
⑷ Basic requirements of the procurement :
1）MR-OR System
① The magnet type shall be superconducting and the operating static field strength shall be 3.0T.
② The diameter of the center of the gantry bore shall be of the large diameter type.
③ The system shall have a mechanism that does not consume liquefied helium during normal inspection.
④ Maximum gradient field strength output shall be possible in each of the three axes.
⑤ Maximum slew rate output shall be possible in each of the three axes.
⑥ The patient's bed shall be able to cooperate surgery patient's bed.
⑦ The RF coil shall be compatible with imaging during surgery.
2）Hybrid-OR system
① The biplane imaging system should have two sets of X-ray tube and detector pairs.
② Have reduce exposure system for staffs and a patient.
③ It can be connected with beds.
④ It must be able to connect to existing hospital information systems (HIS), radiological information systems (RIS), image interpretation systems, and image networks (PACS).
⑤ Have a large monitor.
⑥ It should be equipped with a workstation enables image processing.
3）Surgical Image Management System
① It must be a centralized system that have images of operating field at each operating room, images during surgery and biological informations etc.
② It is necessary to connect existing surgical image management system.
③ It must be taken by 4K high image quality (3840×2160) on the operating field, also control camera at each surgery and operating field by moving lengthwise, sidewise, rotation and zoom in.
④ To provide a camera having a medical monitoring device whose image quality is 4K high (3840×2160).
⑤ Recording of surgical field footage in all operating rooms can be stored in high definition for one year and compressed low-resolution recordings that can be stored for 5 years. Recorded footage must be searchable by date, patient ID, clinical department, etc.
⑥ It is possible to record surgical cameras, images and images of each medical device using a touch panel with simple operation, and to be able to store them for a long time on a server system.
⑦ All operating room operative field (panoramic view) cameras and recorded surgical field images can be viewed in multiple locations.
⑧ Two-way communication of images, video and audio is possible with the pathology diagnosis department during surgery.
4）Ultrasound diagnostic imaging system
① Ultrasound diagnostic imaging system A
1―1 It must be compatible with real-time 3D transesophageal echocardiography.
② Ultrasound diagnostic imaging system B
2―1 Portable ultrasound diagnostic imaging system for transesophageal echocardiography.
③ Ultrasound diagnostic imaging system C
3―1 Perioperative management central venipuncture must be supported.
④ Ultrasound diagnostic imaging system D
4―1 Ultrasound diagnostic imaging system compatible with surgical robot.
5）Mobile C-arm system
① Mobile C-arm system
1―1 It must be type of C-arm system.
1―2 Have a digital photography.
1―3 Equipment for reducing radiation exposure.
1―4 It must be able to connect to existing hospital information systems (HIS), radiological information systems (RIS), image interpretation systems, and image networks (PACS).
② Mobile X-ray system with DSA
2―1 It must be type of C-arm system.
2―2 Have a digital photography.
2―3 Equipment for reducing radiation exposure.
2―4 It must be able to connect to existing hospital information systems (HIS), radiological information systems (RIS), image interpretation systems, and image networks (PACS).
2―5 Have a Digital subtraction angiography function.
6）Mobile radiography
① It should have a pantograph arm to easily control the position of photograph.
② Small-size and small-turn.